NEW YORK STATE COLLEGE OF AGRICULTURE AT CORNELL UNIVERSITY L. KNUDSON, PROFESSOR L. C. PETRY, PROFESSOR ITHACA, NEW YORK W. C. MUENSCHER, PROFESSOR L. F. RANDOLPH, PROFESSOR CORNELL UNIVERSITY AGRICULTURAL D. G. CLARK, PROFESSOR EXPERIMENT STATION R. T. CLAUSEN, PROFESSOR F. C. STEWARD, PROFESSOR H. P. BANKS, ASSOCIATE PROFESSOR WILLIAM I. MYERS, DEAN C. H. UHL. ASSISTANT PROFESSOR **DEPARTMENT OF BOTANY** December 28, 1951 Prof. Joshua Lederberg Department of Genetics The University of Wisconsin Madison 6, Wisconsin Dear Prof. Lederberg: Shortly after the publication of my 1940 paper on plastid mutations, I became Head of the Department of Botany. Don't become Head of the Department if you desire to do research. I have amassed a large body of data on the inheritance of the plastids. The results are very unusual to say the least. Fortunately I have maintained all of the stock cultures of the prothallia with mutated plastids and I have a large number of sporophytes. I expect to retire on July 1, 1952 after which I will have time for preparing some manuscripts. If by chance your travelling takes you to this region I would be very happy to show you the extraordinary material. I read Maly's paper with interest. He obtained like mutations with lower intensities than I. Sincerely yours. Semkunso Lewis Knudson LK:bjb